

Product datasheet for **RG234860**

CSDE1 (NM_001242893) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSDE1 (NM_001242893) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CSDE1
Synonyms:	D1S155E; UNR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG234860 representing NM_001242893
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCTTTGATCCAAACCTTCTCCACAACAATGGACATAATGGGTACCCTAATGGTACTTCAGCAGCAC
TGGGTGAAACTGGGGTTATTGAAAACTGTTAACTCTTACGGATTTATTCAAGTTCAGAACGTCGAAGC
TAGACTTTTCTTCCACTGTTACAGTATAATGGCAACCTGCAAGACTTAAAAGTAGGAGATGATGTTGAA
TTTGAAGTATCATCGGACCGACGGACTGGGAAACCCATTGCTGTTAACTGGTGAAGATAAAAAAAGAAA
TCCTCCCTGAAGAACGAATGAATGGACAAGAAGTGTGTTTATCTGACTTACACCCCTGAAGATGTCGAAGG
GAACGTTCACTGGAACTGGAGATAAAAATAAACTTTGTAATTGATAACAATAACATACTGGTGTGTA
AGTGCTCGCAACATTATGCTGTTGAAAAAGAAACAAGCCCGCTGTCAGGGAGTAGTTGTGCCATGAAGG
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GCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGATATCAGCATTGAACATTTTGAAG
GAACTGTAACCAAGTTATCCCAAAAGTACCCAGTAAAAACCAGAATGACCCATTGCCAGGACGCATCAA
AGTTGACTTTGTGATCCCTAAAGAACTTCCCTTTGGAGACAAAGATACGAAATCCAAGGTGACCCCTGCTG
GAAGGTGACCATGTTAGGTTTAAATTTCAACAGACCGACGTGACAAATTAGAGCGAGCAACCAATATAG
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TGGTTTTGGTTTCATCAAGTGTGTGGATCGTGATGTTGATGTTTCTTCCACTTCAGTGAATTTCTGGAT
GGGAACCAAGTCCATATTGCAGATGAAGTAGAGTTTACTGTGGTTCCTGATATGCTCTCTGCTCAAAGAA
TCTGCGCACGGTAGAAAAAGAAGCCACTTTTTCAATCCTAAAACCACTAGCCCAATAAAGGCAAAGAG
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ATCGCTTGAAGAATATCACTCTGGATGATGCCAGTGTCTCCTCGCCTAATGGTTCTTCTGTCAGCCAAGGG
ACCAGATAACTCAATGGGTTTGGTGCAGAAAGAAAGATCCGTCAAGCTGGTGTCTATTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG234860 representing NM_001242893
 Red=Cloning site Green=Tags(s)

MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQCSERQARLFFHCSQYNGNLQDLKVGDDVE
 FEVSSDRRTGKPIAVKL VKIKQEILPEERMNGQEVFYL TYTPEDVEGNVQLETGDKINFDNNKHTGAV
 SARNIMLLKKKQARCQGVV CAMKEAFGF IERGDVVKEIFFHYSEFKGDLETLQPGDDVEFTIKDRNGKEV
 ATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQNDPLPGR IKVDFVIPKELPF GDKDTKSKV TLL
 EGDHVRFNISTDRRDKLERATNIEVLSNTFQFTNEAREMGVIAAMRDGFGFIKCVDRDVRMFFHFSEILD
 GNQLHIADEVEFTVVPDMLSAQRNHAI RIKKLPKGTVSFHS HSDHRFLGTVEKEATFSNPKTTSPNKGKE
 KEAEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVEFSISDKQRPGQVATCVRL LGRNSNSKRLLG
 YVATLKNDFGFIETANHDKEIFFHYSEFGSDVDSLELGMVEYSLSKGGKNKVS AEKVNKTHSVNGITEE
 ADPTIYSGKVI RPLRSVDPTQTEYQGMIEIVEEGDMKGEVYPPFGIVGMANKGDCLQKGESVKFQLCVLGQ
 NAQTMAYNITPLRRATVECVKDQFGFINYEVGDSKKLFFHVKEVQDGI ELQAGDEVEFSVILNQRTGKCS
 ACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRLMVL RQPRGPDNSMFGAERKIRQAGVID

TRTRPLE - GFP Tag - V

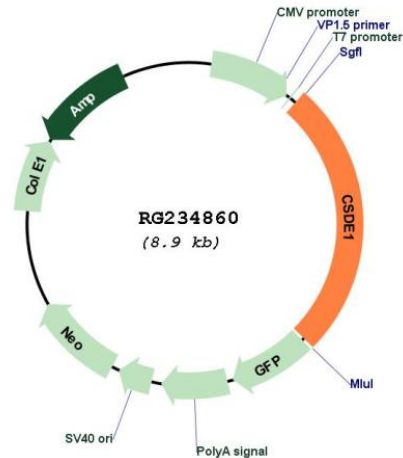
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001242893

ORF Size: 2301 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001242893.2](#)

RefSeq Size: 3703 bp

RefSeq ORF: 2304 bp

Locus ID: 7812

UniProt ID: [O75534](#)

Cytogenetics: 1p13.2

Protein Families: Transcription Factors

Gene Summary: RNA-binding protein. Required for internal initiation of translation of human rhinovirus RNA. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. [UniProtKB/Swiss-Prot Function]